

Converting Colors

$Yxy(69.4525, 0.2840, 0.3284)$

Have a look what the booklet for
Yxy(69.4525, 0.2840, 0.3284)
contains.

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Color

Yxy(69.2865, 0.2836, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	B6E1E2
RGB	182, 225, 226
RGB Percent	71%, 88%, 89%
CMY	0.2862, 0.1176, 0.1139
CMYK	0.19, 0.00, 0.00, 0.11
HSL	181°, 43%, 80%
HSV	181°, 19%, 89%
XYZ	59.9440, 69.2865, 82.1377
YIQ	212.2570, -25.9490, -8.8050

Conversions

Conversions Part 2

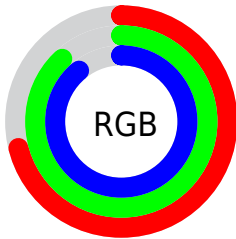
Format	Color
RYB	182, 204, 226
Decimal	11985378
CIELab	86.65, -13.65, -5.09
CIELCh	87, 14.571, 200.440
Yxy	69.2865, 0.2836, 0.3278
Android (android.graphics.Color)	4290175458 (0xFFB6E1E2)
YUV	212.2570, 6.7753, -26.5354
Hunter-Lab	83.2385, -17.1210, -0.2389

Details

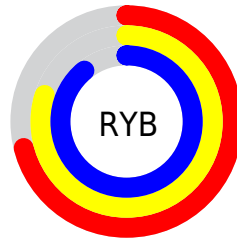
The Yxy color **69.2865, 0.2836, 0.3278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.4024, 0.3508, 0.3302**, and the grayscale version is **65.9883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **36.2789, 0.2764, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **66.4896, 0.2701, 0.3271**, and if you desaturate by 10%, it is **72.5338, 0.2982, 0.3284**.

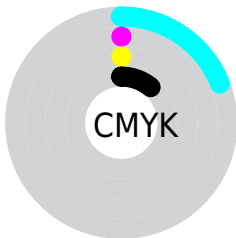
Distribution



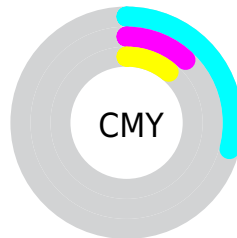
- Red (71%)
- Green (88%)
- Blue (89%)



- Red (71%)
- Yellow (80%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)




- Cyan (29%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2865, 0.2836, 0.3278 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 69.2865, 0.2836, 0.3278 by changing the saturation by 10% instead.


 69.2865, 0.2836,
0.3278

 69.2865, 0.2836,
0.3278


458.0408, 0.2971,
0.3285

 50.9451, 0.2805,
0.3276

 118.1907, 0.2883,
0.3281

 36.1649, 0.2767,
0.3273


149.5222, 0.2901,
0.3282

 24.5616, 0.2719,
0.3270

185.9526, 0.2917,
0.3283

 15.7507, 0.2655,
0.3264

227.8662, 0.2930,
0.3283

 9.3479, 0.2569,
0.3256

275.6475, 0.2942,
0.3284

 4.9688, 0.2444,
0.3242

329.6807, 0.2953,

 2.2290, 0.2249,

0.3284

390.3503, 0.2962,
0.3285

0.3214

0.7357, 0.1611,
0.3239

0.0000, 0.0000,
0.0000

69.2865, 0.2836,
0.3278

69.2865, 0.2836,
0.3278

66.4896, 0.2701,
0.3271

72.5338, 0.2982,
0.3284

64.1133, 0.2580,
0.3264

76.2427, 0.3136,
0.3290

62.1374, 0.2475,
0.3257

80.4348, 0.3295,
0.3296

60.5368, 0.2388,
0.3249

81.6744, 0.3331,
0.3301

■ 59.2835, 0.2321,
0.3242

■ 81.9447, 0.3330,
0.3306

■ 58.3454, 0.2273,
0.3235

■ 82.2158, 0.3330,
0.3311

■ 57.6846, 0.2243,
0.3228

■ 82.4876, 0.3329,
0.3315

■ 57.2393, 0.2229,
0.3221

■ 82.7602, 0.3329,
0.3320

■ 57.2167, 0.2228,
0.3220

■ 83.0336, 0.3328,
0.3325

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2865, 0.2963, 0.3442



69.2865, 0.2836, 0.3278



69.2865, 0.2786, 0.3124

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2865, 0.2836, 0.3278



69.2865, 0.3111, 0.3036



69.2865, 0.3437, 0.3558

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.2865, 0.2836, 0.3278



53.4024, 0.3508, 0.3302

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.2865, 0.3481, 0.3441



69.2865, 0.2836, 0.3278



69.2865, 0.3289, 0.3144

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2865, 0.2836, 0.3278



69.2865, 0.2941, 0.2990



69.2865, 0.3426, 0.3291



69.2865, 0.3310, 0.3605

Rectangle

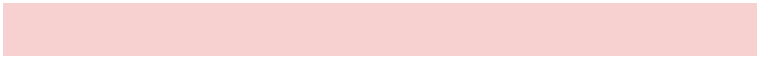
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.2865, 0.2836, 0.3278



69.2865, 0.2801, 0.3047



69.2865, 0.3426, 0.3291



69.2865, 0.3463, 0.3525

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



69.2893, 0.2836, 0.3278



96.9998, 0.3034, 0.3286



67.7295, 0.3098, 0.3814



20.6950, 0.3024, 0.3286



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.2893, 0.2836, 0.3278



89.7083, 0.2784, 0.3276



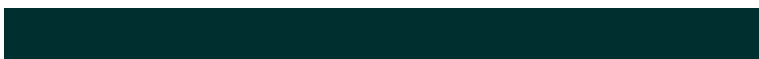
58.2731, 0.2820, 0.3019



15.5183, 0.2982, 0.3284



32.6787, 0.2228, 0.3221



2.2816, 0.2231, 0.3232

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



55.0659, 0.3157, 0.2819



68.0357, 0.3163, 0.2728



63.0732, 0.3462, 0.3547



13.9302, 0.3141, 0.3064



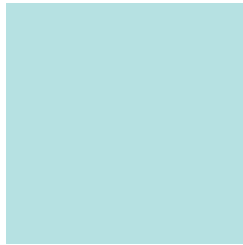
12.2070, 0.3264, 0.1572



0.8478, 0.3255, 0.1567

Previews

White Background



This preview shows how the Yxy color 69.2865, 0.2836, 0.3278 looks on a white background.

Color Contrast Check

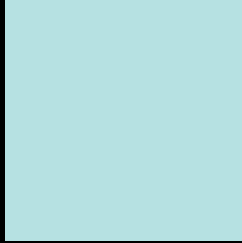
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 69.2865, 0.2836, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

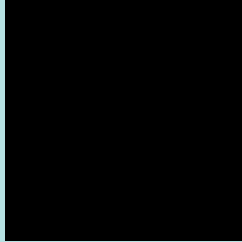
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

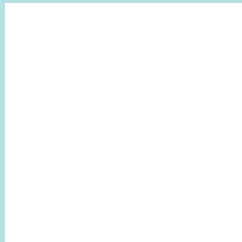
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.2865, 0.2836, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 69.2865, 0.2836, 0.3278.

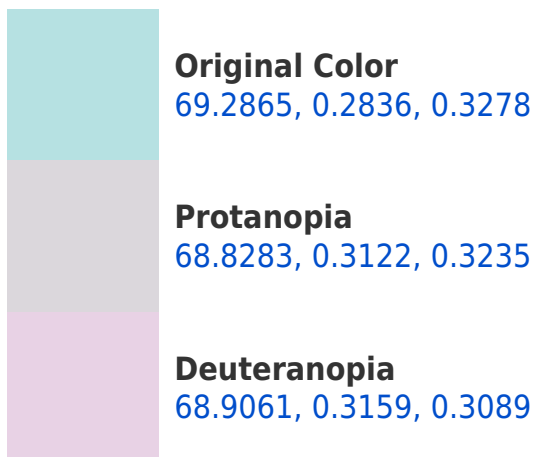


This preview shows how white text looks on a background with the Yxy color 69.2865, 0.2836, 0.3278.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

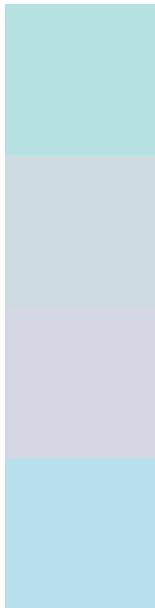




Tritanopia

69.4405, 0.2767, 0.3086

Trichromacy



Original Color

69.2865, 0.2836, 0.3278

Protanomaly

69.0588, 0.3016, 0.3256

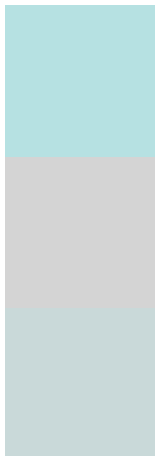
Deuteranomaly

68.4985, 0.3034, 0.3147

Tritanomaly

69.5578, 0.2790, 0.3152

Monochromacy



Original Color

69.2865, 0.2836, 0.3278

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.0530, 0.3014, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2865, 0.2836, 0.3278 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(182, 225, 226)` looks like.

```
.text, #text, p{  
    color:rgb(182, 225, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(182, 225, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 225, 226) }
```

Border

The CSS property to change the border of an element to Yxy 69.2865, 0.2836, 0.3278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 225, 226) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(182, 225, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(182, 225, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 225, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 225, 226);  
box-shadow:4px 4px 4px 4px rgb(182, 225,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2865, 0.2836, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 225, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(182,  
225, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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